

	L #	Search Text	DBs	Time Stamp	Hits
1	L1	zaborovsky.in. and vladimir.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:10	1
2	L2	kupreenko.in. and sergey.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:10	1
3	L3	shemanin.in. and yuri.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:11	1

	L #	Search Text	DBs	Time Stamp	Hits
4	L4	L1 and L2 and 13	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:11	1
5	L5	713/162.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:11	288
6	L6	L5 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:12	16

	L #	Search Text	DBs	Time Stamp	Hits
7	L7	726/11.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:12	395
8	L8	L7 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	23
9	L9	726/13.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:12	350

	L #	Search Text	DBs	Time Stamp	Hits
10	L10	L9 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	30
11	L11	713/153.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	770
12	L12	L11 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	36

	L #	Search Text	DBs	Time Stamp	Hits
13	L13	709/246.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	1825
14	L14	L13 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	37
15	L15	709/249.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	1208

	L #	Search Text	DBs	Time Stamp	Hits
16	L16	L15 and (network screen) same (packet) same (invisible or transparent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:13	44
17	L17	(network screen) same (packet\$) same (invisible or transparent) near (firewall)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:14	17
18	L18	(network screen) same (packet\$) same (invisible or transparent) near (firewall) near (filtration rules)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:14	0

	L #	Search Text	DBs	Time Stamp	Hits
19	L19	(network screen) same (packet\$) same (invisible or transparent) near (firewall) and (filtration rules)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:15	14
20	L20	(network screen) same (packet\$) same (invisible or transparent) near (firewall) and (filtration rules) and "physical address"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:15	0
21	L21	(network screen) same (packet\$) same (invisible or transparent) near (firewall) and (filtration rules) and "logical address"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/07/18 16:15	0

# Interference Search

	L #	Search Text	DBs	Time Stamp	Hits
22	L22	(network) AND (screen) AND (packet) AND (firewall) AND (logical) AND (physical) AND (addressess) AND (sender) AND (receiver).clm.	US- PGPUB	2007/07/18 16:38	0
23	L23	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addressess) AND (sender) AND (receiver).clm.	US- PGPUB	2007/07/18 16:38	0
24	L24	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver).clm.	US- PGPUB	2007/07/18 16:38	120
25	L25	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split).clm.	US- PGPUB	2007/07/18 16:39	11
26	L26	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (filtration) AND (rules).clm.	US- PGPUB	2007/07/18 16:39	1
27	L27	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (name).clm.	US- PGPUB	2007/07/18 16:40	37
28	L28	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (send).clm.	US- PGPUB	2007/07/18 16:40	36



	Comments
22	
23	
24	
25	
26	
27	
28	

	L #	Search Text	DBs	Time Stamp	Hits
29	L29	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (headers).clm.	US- PGPUB	2007/07/18 16:41	22
30	L30	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (headers) AND (password).clm.	US- PGPUB	2007/07/18 16:41	5
31	L31	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (headers) AND (password) AND (separate) AND (channel).clm.	US- PGPUB	2007/07/18 16:42	14
32	L32	(network) AND (screen) AND (packet) AND (logical) AND (physical) AND (addresses) AND (sender) AND (receiver) AND (interface) AND (split) AND (headers) AND (password) AND (separate) AND (channel) AND (special) AND (direct).clm.	US- PGPUB	2007/07/18 16:42	4

	Comments
29	
30	
31	
32	

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

filtration rules, packet, transparent, invisible, fir

[Advanced Search](#)  
[Preferences](#)

**Web Results 1 - 10** of about 17 for **filtration rules, packet, transparent, invisible, firewall, physical address,**

[PDF] [RF650VPN Internet Security Appliance User Guide](#)

File Format: PDF/Adobe Acrobat

Built-in Stateful **Packet** Inspection **firewall** with Network **Address** ..... addresses (i.e., ARP provides the **physical address** when only the **logical address** is ...

[www.multitech.com/DOCUMENTS/Collateral/manuals/S000219D.pdf](http://www.multitech.com/DOCUMENTS/Collateral/manuals/S000219D.pdf) - [Similar pages](#)

[PDF] [Cisco PIX Device Manager User Guide, Version 1.1](#)

File Format: PDF/Adobe Acrobat

network subnet for PIX **Firewall** configuration, such as an **address** translation ..... **Logical** AND Operation. Three basic **rules** govern logically "ANDing" two ...

[www.cisco.com/en/US/docs/security/pix/pix61/pdm11/olh/pdm11hlp.pdf](http://www.cisco.com/en/US/docs/security/pix/pix61/pdm11/olh/pdm11hlp.pdf) - [Similar pages](#)

[PDF] [PDM 4.1 for FWSM Online Help](#)

File Format: PDF/Adobe Acrobat

In **transparent firewall** mode, the FWSM acts like a "bump in the wire" or a ..... **packet** illegally claiming to be from an **address** from which it was not ...

[www.cisco.com/en/US/docs/security/fwsm/fwsm23/pdm41/pdm41.pdf](http://www.cisco.com/en/US/docs/security/fwsm/fwsm23/pdm41/pdm41.pdf) - [Similar pages](#)

[ [More results from www.cisco.com](#) ]

[Fortinet Knowledge Center - Print](#)

An IP **address** (**logical address**) or the **address** of a **physical** interface ..... A FortiGate-300 **firewall** in **Transparent** mode is inserted into the trunk to ...

[kc.forticare.com/print.asp?id=0&Lang=1&SID=-977k](http://kc.forticare.com/print.asp?id=0&Lang=1&SID=-977k) - [Cached](#) - [Similar pages](#)

[PDF] [Administration Guide](#)

File Format: PDF/Adobe Acrobat

**logical** AND is 01100000, this **rule** does match and this **packet** will not be forwarded. This **rule** masks off a. single IP **address**. Filter **Rule**:. 200.1.1.96 ...

[www.netopia.com/support/hardware/manuals/4753\\_IAD.pdf](http://www.netopia.com/support/hardware/manuals/4753_IAD.pdf) - [Similar pages](#)

[PDF] [PDM 3.0 Online Help](#)

File Format: PDF/Adobe Acrobat

Implicit **Rule**—An Access **Rule** automatically created by the PIX **Firewall** ..... Spoofing—

The act of a **packet** illegally claiming to be from an **address** from ...

[support.taylor.k12.in.us/reference/Network/Cisco/pdm3.pdf](http://support.taylor.k12.in.us/reference/Network/Cisco/pdm3.pdf) - [Similar pages](#)

[bump obsoletes/provides - applied specfile changes as in bug ...](#)

Must also **address** the RHEL3 package deps issue (curl 7.12.0 isn't available; ..... on the **network screen** - add more encoding modules to traceonly (clumens, ...

[mirror.newnanutilities.org/pub/fedora/linux/releases/7/i386/os/repodata/other.xml.gz](http://mirror.newnanutilities.org/pub/fedora/linux/releases/7/i386/os/repodata/other.xml.gz) -

[Similar pages](#)

[PDF] [Cisco Wireless LAN](#)

File Format: PDF/Adobe Acrobat

The word topology can refer to either the **physical** or **logical** layout of ..... from AP1 to AP2, AP2 sends a multicast **packet** with the source **address** of the ...

[ilyasse1.ifrance.com/Building.a.Cisco.Wireless.LAN.pdf](http://ilyasse1.ifrance.com/Building.a.Cisco.Wireless.LAN.pdf) - [Similar pages](#)

[update from gcc-4\\_1-branch \(-r124100:124365\) - PRs c++/30016, c++ ...](#)

Change Rev for RHEL - Change example to not give out 255 **address**. ... to fix #68650 - Fix unaligned accesses when decoding a UDP **packet** - No apparent reason ...  
fedora.ifc.unam.mx/releases/7/Fedora/ppc/os/repodata/other.xml.gz - [Similar pages](#)

[PDF] [User Manual](#)

File Format: PDF/Adobe Acrobat

**Transparent** Access. Thanks to the simplicity of Network **Address** ..... Once again, the familiar **rules** apply. On the client-side **firewall** you must configure ...  
download.ositis.com/downloads/WinProxy\_UserManual\_en.pdf - [Similar pages](#)

1 2 **Next**

Try [Google Desktop](#): search your computer as easily as you search the web.

---

filtration rules, packet, transparent, in

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "( ( network screen, packet, filter&lt;in&gt;metadata ) &lt;and&gt; ( transparent firewall&lt;in&gt;m..."

e-mail

Your search matched 1 of 1618078 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. Combination of a Transparent Firewall and a DoS Attack Detection System  
 Vakili, G.; Riahy, G.H.; Rezaie, A.H.;  
[Information and Communication Technologies, 2006. ICTTA '06. 2nd](#)  
 Volume 2, 24-28 April 2006 Page(s):3528 - 3533  
[AbstractPlus](#) | Full Text: [PDF\(2536 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

Indexed by  
 Inspec
[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

+network +screen, +transparent +firewall, +invisible packet, 1



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction s](#)

Terms used:

network screen transparent firewall invisible packet filtration rules logical address physical address header

Sort results by

Display results

[Save results to a Binder](#)

[Search Tips](#)

☐ [Open results in a new window](#)

[Try an Advanced Search](#)

[Try this search in The ACM Guide](#)

Results 1 - 11 of 11

Relevance scale |

# 1 UIO: a uniform I/O system interface for distributed systems



David R. Cheriton

January 1987 **ACM Transactions on Computer Systems (TOCS)**, Volume 5 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(3.20 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A uniform I/O interface allows programs to be written relatively independently of specific I/O services and yet work with a wide variety of the I/O services available in a distributed environment. Ideally, the interface provides this uniform access without excessive complexity in the interface or loss of performance. However, a uniform interface does not arise from careful design of individual system interfaces alone; it requires explicit definition. In this paper, the UIO (uniform I/O) interface is defined.

## 2 Columns: Risks to the public in computers and related systems



Peter G. Neumann

January 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(3.24 MB\)](#)

Additional Information: [full citation](#)

## 3 Composable ad hoc location-based services for heterogeneous mobile clients

Todd D. Hodes, Randy H. Katz

October 1999 **Wireless Networks**, Volume 5 Issue 5

**Publisher:** Kluwer Academic Publishers

Full text available: [pdf\(403.18 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

## 4 Dynamic software updating



Michael Hicks, Scott Nettles

November 2005 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 27 Issue 6

**Publisher:** ACM Press

Full text available: [pdf\(622.69 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Many important applications must run continuously and without interruption, and yet also must be changed to fix bugs or upgrade functionality. No prior general-purpose methodology for dynamic software updating has been proposed.

updating achieves a practical balance between flexibility, robustness, low overhead, ease of use low cost. We present an approach for C-like languages that provides type-safe dynamic updating native code in an extremely flexible manner---code, data, and types may be updated, at programmer-determined ...

**Keywords:** Dynamic software updating, typed assembly language

## 5 Breaking loose



Leonard Kleinrock

September 2001 **Communications of the ACM**, Volume 44 Issue 9

**Publisher:** ACM Press

Full text available: pdf(116.73 KB) html(22.71 KB)

Additional Information: [full citation](#), [citations](#), [index terms](#)

## 6 Agents, interactions and mobility I: Embodied data objects: tangible interfaces to information appliances



Manas Tungare, Pardha S. Pyla, Pradyut Bafna, Vladimir Glina, Wenjie Zheng, Xiaoyan Yu, Umut B. Steven Harrison

March 2006 **Proceedings of the 44th annual Southeast regional conference ACM-SE 44**

**Publisher:** ACM Press

Full text available: pdf(116.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes the idea of embodied data objects. Using this concept, everyday objects can be used to represent bits and bytes of active information. These data objects can be used to interact with information-appliance-like devices that provide specific services as dictated by the context of interaction. The inherent affordances of physical artifacts are leveraged to make the interaction with these service-oriented devices intuitive and natural. We describe the idea of embodied data objects.

**Keywords:** embodied interaction, interaction design, tangible interfaces

## 7 Satchel: providing access to any document, any time, anywhere



Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

**Publisher:** ACM Press

Full text available: pdf(591.29 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features of mobile document work. Satchel is designed to meet the following five high-level design goals (1) easy access to document services; (2) timely document access; (3) streamlined user interface; (4) ubiquity; and (5) compliance with security.

**Keywords:** document access, document appliance, document processing, information appliance, mobile computing, mobile work

## 8 Operating system: The persistent relevance of the local operating system to global applications



Jay Lepreau, Bryan Ford, Mike Hibler

September 1996 **Proceedings of the 7th workshop on ACM SIGOPS European workshop: System support for worldwide applications EW 7**

**Publisher:** ACM Press

Full text available: pdf(828.93 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)



The growth and popularity of loosely-coupled distributed systems such as the World Wide Web ; the touting of Java-based systems as the solution to the issues of software maintenance, flexibility and security are changing the research emphasis away from traditional single node operating system issues. Apparently, the view is that traditional OS issues are either solved problems or minor problems. By contrast, we believe that building such vast distributed systems upon the fragile infrastructure ...

9 Social computing 1: Dogear: Social bookmarking in the enterprise



David R. Millen, Jonathan Feinberg, Bernard Kerr

April 2006 **Proceedings of the SIGCHI conference on Human Factors in computing systems CHI '06**

**Publisher:** ACM Press

Full text available: pdf(928.92 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe a social bookmarking service designed for a large enterprise. We discuss design principles addressing online identity, privacy, information discovery (including search and pivot browsing), and service extensibility based on a web-friendly architectural style. In addition we describe the key design features of our implementation. We provide the results of an eight week field trial of this enterprise social bookmarking service, including a description of user activities based on ...

**Keywords:** folksonomies, social bookmarking, social software, tags

10 Innovation, management & strategy: Virtual web services: application of software agents to personalization of web services



Jarogniew Rykowski, Wojciech Cellary

March 2004 **Proceedings of the 6th international conference on Electronic commerce ICEC**

**Publisher:** ACM Press

Full text available: pdf(292.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

In this paper we propose an application of software agents to provide *Virtual Web Services*. A *Virtual Web Service* VWS is a linked collection of several real and/or virtual Web Services, and public and private agents, accessed by the user in the same way as a single real Web Service. A Virtual Web Service allows unrestricted comparison, information merging, pipelining, etc., of data coming from different sources and in different forms. *Web Services* are accessed according to t ...

**Keywords:** customization, personalization, software agents, web services

11 Product Review: Caldera Network Desktop Preview 1

Roger Scrafford

December 1995 **Linux Journal**

**Publisher:** Specialized Systems Consultants, Inc.

Full text available: html(15.58 KB)

Additional Information: [full citation](#), [index terms](#)

Results 1 - 11 of 11

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)